Inventor: Roell et al.
Title: ENHANCED INPUT USING PACKET SWITCHING OVER A PS/2 OR OTHER INTERFACE

	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Description
Byte 1	0	0	y sign	x sign	1	М	R	L	x/y signs and L/R/M buttons
Byte 2	х7	x6	х5	x4	х3	x2	x1	x0	x data byte
Byte 3	у7	y6	у5	y4	у3	y2	y1	y0	y data byte
Byte 4	0	0	B5	B4	z3	z2	z 1	z0	z/wheel data and buttons 4/5

FIG. 1 Prior Art

Inventor: Roell et al.
Title: ENHANCED INPUT USING PACKET SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 2 of 9 165 REMOTE COMPUTER MEMORY 258 LOCAL AREA DIGITIZER MONITOR NETWORK 260 256 APPLICATION PROGRAMS 252 262 AREA NETWORK WIDE NETWORK INTERFACE KEYBOARD 268 / MODEM 264 INTERFACE SERIAL PORT 2461 266 MOUSE ~228 236 248 **SYSTEM BUS** DRIVE INTERFACE ADAPTER VIDEO OPTICAL დ <u>ლ</u> 0 244 230 206 254 234 **PROGRAM** ~224 226 DATA MAGNETIC DISK DRIVE INTERFACE 202 200 PROGRAM 242 MODULES PROCESSING UNIT OTHER 232 222 HARD DISK INTERFACE 240 204 **APPLICATION PROGRAMS** 212 214 216 218 220 SYSTEM MEMORY **APPLICATION** OPERATING A **OPERATING PROGRAMS** PROGRAM MODULES SYSTEM **PROGRAM** (RAM) 210 (ROM) 208 OTHER DATA BIOS

SYSTEM

Inventor: Roell et al.

Title: ENHANCED INPUT USING PACKET
SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 3 of 9

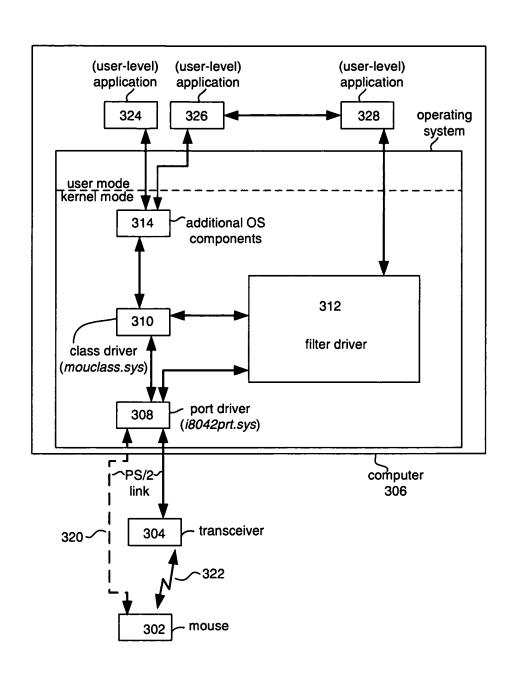


FIG. 3

Inventor: Roell et al.
Title: ENHANCED INPUT USING PACKET SWITCHING OVER A PS/2 OR OTHER INTERFACE Docket No. 003797.00782 Sheet 4 of 9

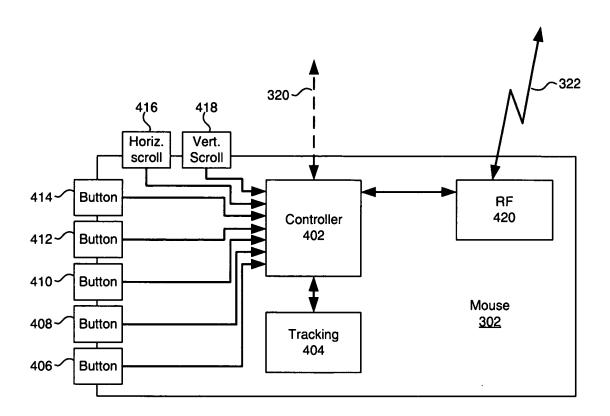


FIG. 4A

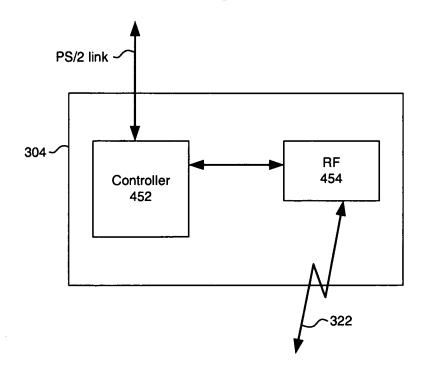
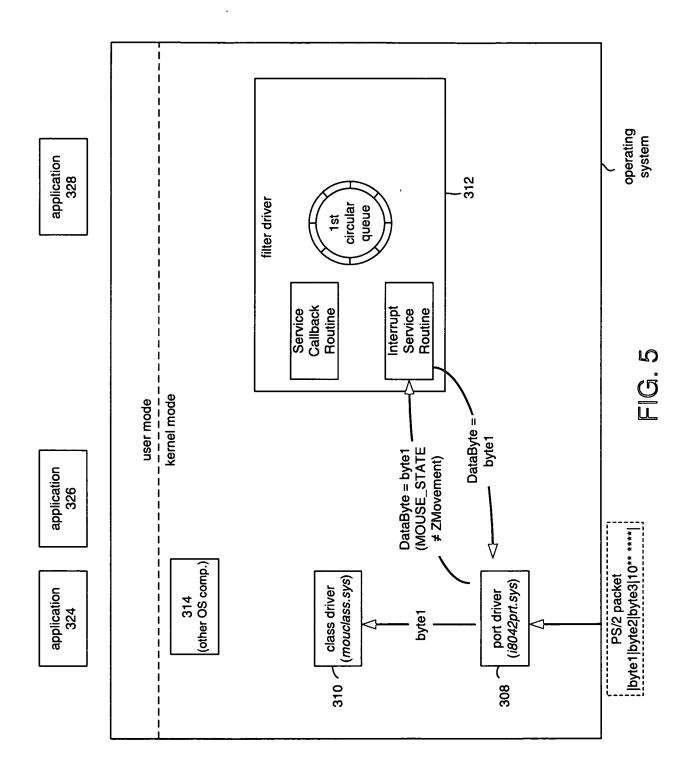


FIG. 4B

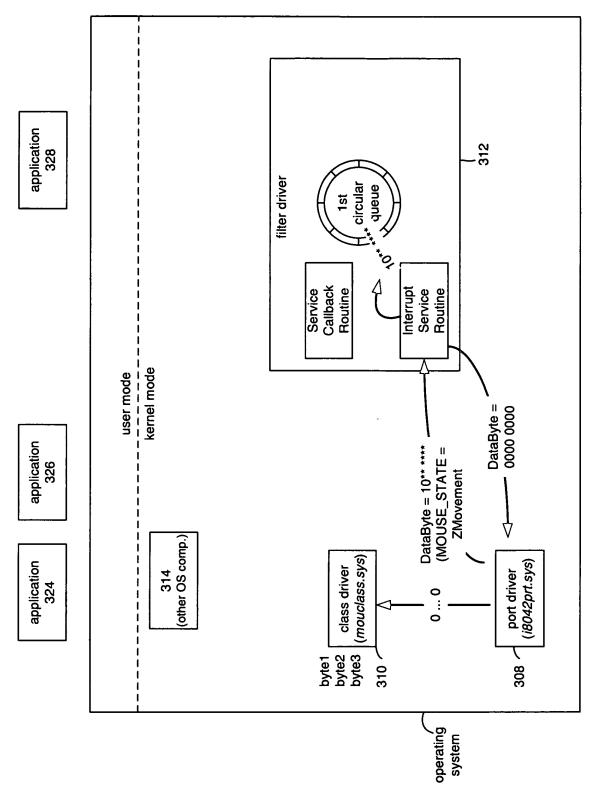
Inventor: Roell et al.

Title: ENHANCED INPUT USING PACKET
SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 5 of 9

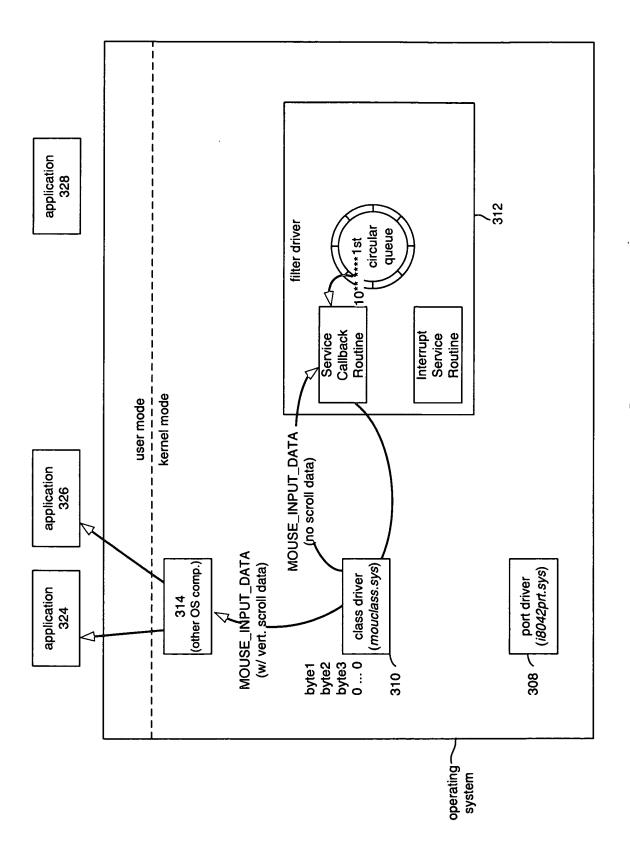


Inventor: Roell et al.

Title: ENHANCED INPUT USING PACKET
SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 6 of 9

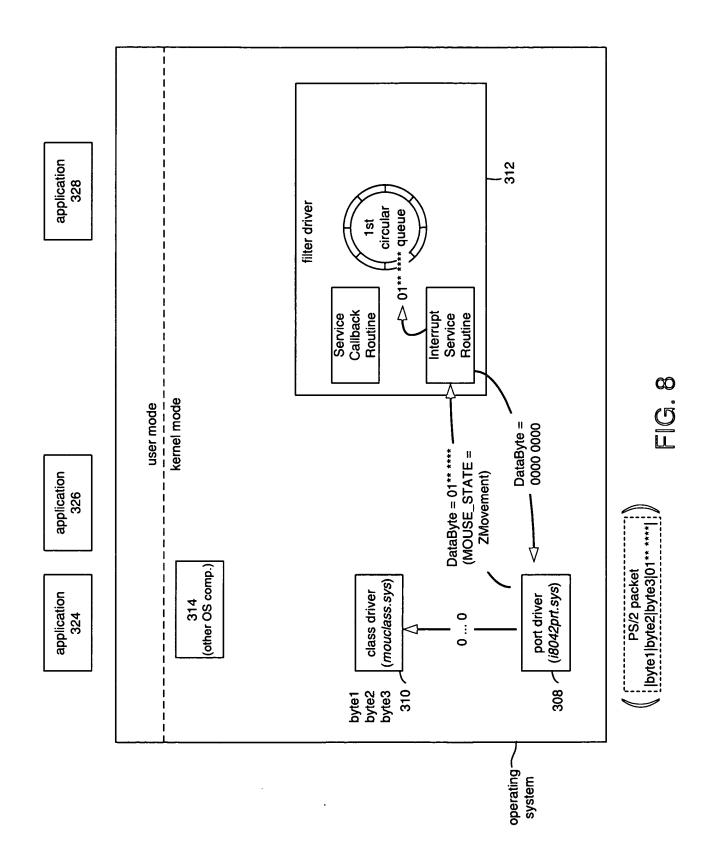


Inventor: Roell et al.
Title: ENHANCED INPUT USING PACKET
SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 7 of 9



Inventor: Roell et al.

Title: ENHANCED INPUT USING PACKET
SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 8 of 9



Inventor: Roell et al.
Title: ENHANCED INPUT USING PACKET SWITCHING OVER A PS/2 OR OTHER INTERFACE
Docket No. 003797.00782 Sheet 9 of 9

